

CHARGING INTERFACE

ABSTRACT OF THE DISCLOSURE

The present invention provides a solution to the needs described above through a charging interface. The interface includes a first contact interface system for receiving a male connector. The first interface contact interface system includes a housing with a front surface, where the front surface includes an aperture leading to a well within the housing. A first positive contact is disposed within the well and a first negative contact is disposed within the well. The interface also includes a second contact interface system comprising conductive contacts disposed on the front surface outside the aperture. The conductive contacts comprise a second positive contact and a second negative contact.